

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Application Number 09/703,075
 Filing Date October 31, 2000
 First Named Inventor: Jose J. Garcia-Luna-Aceves
 Group Art Unit 2665
 Examiner Name Philpott, Justin M.
 Attorney Docket Number 3867P006

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
JMP	1	4,661,902		Hochsprung et al.	4/28/1987	
JMP	2	5,231,634		Giles et al.	7/27/1993	
JMP	3	5,319,641		Fridrich et al.	6/7/1994	
JMP	4	5,502,724		Chen et al.	3/26/1996	
JMP	5	5,638,371		Raychaudhuri et al.	6/10/1997	
JMP	6	5,682,382		Shepard	10/28/1997	
JMP	7	5,721,725		Want et al.	2/24/1998	
JMP	8	4,771,448		Koohgoli et al.	9/13/1998	
JMP	9	5,652,751		Sharony	7/29/1997	
JMP	10	4,677,617		O'Connor et al.	6/30/1987	
JMP	11	5,519,717		Lorenzo et al.	5/21/1996	
JMP	12	5,968,133		Latham et al.	10/19/1999	
JMP	13	6,178,323	B1	Nagata	1/23/2001	
JMP	14	6,026,303		Minamisawa	2/15/2000	
JMP	15	5,142,533		Crisler et al.	8/25/1992	
JMP	16	5,130,987		Flammer	7/14/1992	
JMP	17	5,088,032		Bosack	2/11/1992	
JMP	18	4,466,060		Riddle	8/14/1984	
JMP	19	5,548,578		Matsune et al.	8/20/1996	
JMP	20	5,557,748		Norris	5,557,748	

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FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
JMP	21	WO	01/28170	A2	Garcia-Luna-Aceves et al.	4/19/2001		
JMP	22	EP	0539737	A1	IBM	5/5/1993		
JMP	23	WO	0137497	A1	Prescient Networks PTY. LTD.	5/25/2001		
JMP	24	WO	0048367	A3	Nokia Wireless Routers, Inc.	8/17/2000		
JMP	25	WO	99/46899	A2	Swisscom AG	9/16/1999		
JMP	26	WO	96/19887	A1	Salbu Research and Development	6/27/1996		

 Examiner
Signature



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3-25-2003

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Substitute for Form 1449A/PTO (Modified)

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Application Number

09/703,075

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First Named Inventor:

Jose J. Garcia-Luna-Aceves

Group Art Unit

2665

Examiner Name

Philpott, Justin M. JAN 23 2003

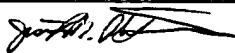
Attorney Docket Number

3867P006

OTHER ART - NO PATENT LITERATURE DOCUMENTS

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Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JMP	31	Timothy J. Shepard, "A Channel Access Scheme for Large Dense Packet Radio Networks," Proceedings of ACM SIGCOMM '96, Stanford University, pp. 1-12 (August 1996)	
JMP	32	I. Chlamtac, Andras Farago, and Hongbiao Zhang, "Time-Spread Multiple-Access (TSMA) Protocols for Multihop Mobile Radio Networks," IEEE/ACM Transactions on Networking, Vol. 5, No. 6, pp. 804-812 (December 1997)	
JMP	33	Ji-Her Ju and Victor O.K. Li, "An Optimal Topology-Transparent Scheduling Method in Multihop Packet Radio Networks," IEEE/ACM Transactions on Networking, Vol. 6, No. 3, pp. 298-306 (June 1998)	
JMP	34	Chenxi Zhu and M.S. Corson, "A Five-Phase Reservation Protocol (FPRP) for Mobile Ad Hoc Networks," Proceedings of IEEE INFOCOM '98 (July 1998)	
JMP	35	Z. Tang and J.J. Garcia-Luna-Aceves, "Hop Reservation Multiple Access (HRMA) for Multichannel Packet Radio Networks," Proceedings of IEEE IC3N '98: Seventh International Conference on Computer Communication Networks, Lafayette, Louisiana (October 12-15, 1998)	
JMP	36	I. Chlamtac and A. Lerner, "Fair Algorithms for Maximal Link Activation in Multihop Radio Networks," IEEE Transactions on Communications, Vol. COM-35, No. 7 (July 1987)	
JMP	37	A. Ephremides and T. Truong, "Scheduling Broadcasts in Multihop Radio Networks," IEEE Transactions on Communications, Vol. COM-38, No. 4 (April 1990)	
JMP	38	C. David Young, "USAP: a unifying dynamic distributed multichannel TDMA slot assignment protocol," MILCOM '96 Conference Proceedings, Vol. 1, pp. 235-239 (October 1996)	
JMP	39	I. Chlamtac, W.R. Franta, and K.D. Levin, "BRAM: The Broadcast Recognizing Access Method," IEEE Trans. Commun., Vol. COM-27, No. 8 pp. 1183-1189 (August 1979)	
JMP	40	PCT International Search Report-PCT/US 01/27336-September 24, 2002	
JMP	41	Bharghavan Vaduvur, "Access, Addressing and Security in Wireless Packet Networks", A dissertation submitted in partial satisfaction of the requirements for the degree of Doctor in Philosophy in Computer Science in the Graduate Division of the University of California at Berkeley, 1995 pp.140 total.	
JMP	42	Sidhu et al., "Inside AppleTalk", Second Edition, Network Systems Development, Apple Computer, Inc. Addison-Wesley Publishing Company, Inc., first printing 1990, 300 pgs. double-sided.	

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Date

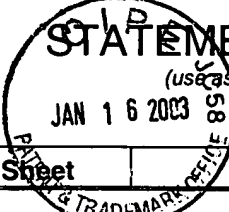
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Substitute for Form 1449A/PTO (Modified) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) <div style="text-align: center;">  </div>				Complete if Known	
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OTHER ART - NO PATENT LITERATURE DOCUMENTS					
Technology Center 2600					
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
Jmp	43	Rom, et al., "Multiple Access Protocols Performance and Analysis", Telecommunication Networks and Computer Systems, October 1989, pp. 92 double-sided.			
Jmp	44	PCT-Notification of Transmittal of International Preliminary Examination Report, International Application No.: PCT/US99/21238 WO 00/48367 A3, (17.08.2000).			
	45	J.J. Garcia-Luna-Aceves, "A Unified Routing Approach for Ad-Hoc Internetworking", pp. 1-16. no date of publication provided.			
Jmp	46	Haartsen et al., "Bluetooth: Vision, Goals, and Architecture", Mobile Computing and Communications Review, Volume 2, Number 4, pp. 38-45 XP-000784002			
Jmp	47	Chlamtac, et al., "Making Transmission Schedules Immune to Topology Changes in Multi-Hop Packet Radio Networks", IEEE/ACM Transactions on Networking, Vol. 2, No. 1, February 1994, pp. 23-29.			
Jmp	48	Satapathy et al., "Etiquette Modification for Unlicensed Spectrum: Approach and Impact", Published in Proceedings of the IEEE Vehicular Technology Conference, vol. 1, May 1998, pp. 272-276 (5 pages total).			
Jmp 8/12/03	49	J.J. Garcia-Luna-Aceves, "Performance of Floor Acquisition Multiple Access in Ad-Hoc Networks", pp. 6 pgs. total. (1990).			
Jmp	50	S. Ramanathan et al., "Scheduling Algorithms for Multi-hop Radio Networks", 1992 ACM 0-89791-526-7/92/008/0211, pp. 211-222.			
Jmp	51	David A. Beyer, "Accomplishments of the DARPA SURAN Program", Information and Telecommunications Sciences and Technology Division, SRI International, 1990 IEEE, pp. 0855-0862			
Jmp 8/12/03	52	Beyer et al., "Packet Radio Network Research, Development and Application", Information and Telecommunications Sciences and Technology Division, SRI International, pp. 1-35 (1989).			
Jmp	53	C.S. Wu et al, "Receiver-Initiated Busy-Tone Multiple Access in Packet Radio Networks", Frontiers in Computer Communications Technology, Stowe, VT, August 11-13, 1997, Computer Communication Review Vol. 17, Number 5 Special Issue, pp. 336-342.			
Jmp 8/12/03	54	Phil Karn, KA9Q, "MACA-A new Channel Access Method for Packet Radio", pp. 5 total- (1990).			

Examiner Signature		Date Considered	3-25-2003
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